INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/17438

A. CLASSIFICATION OF SUBJECT MATTER			
IPC(7) : G05B 11/01; G01C 21/00; H04L 7/00			
US CL : 700/19; 701/213; 375/354			
According to International Patent Classification (IPC) or to both national classification and IPC			
B. FIELDS SEARCHED			
Minimum documentation searched (classification system followed by classification symbols)			
U.S.: 700/19, 20; 701/213, 215; 375/354, 355, 356, 370			
330, 330, 370			
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched			
and an include scalar s			
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)			
the of the order o			
			ļ
C. DOCUMENTS CONSIDERED TO BE RELEVANT			
Category *	Citation of document, with indication, where ap	propriate, of the relevant passages	Relevant to claim No.
X	TTC 2002/0102046 A1 //DAN		
	the state of the s	oz (17.12.2002), whole document	1-2, 5-7, 9, 10-11, 14- 16, 18-21
Y			10, 18-21
	3, 4, 8, 12-13, 17		
Y	US 6,272,117 B1 (CHOI et al.), 07 August 2001 (07.08.2001), whole document		
) 1	, and a continent		3, 4, 12, 13
Y	US 2003/0043931 A1 (FULLERTON et al.) 06 Mar	ch 2003 (06 03 2003) Abetmet Bose	0.17
	US 2003/0043931 A1 (FULLERTON et al.) 06 March 2003 (06.03.2003), Abstract, Page 8, 17 1, [0013] to [0034].		
	-1, [6030].		
1			
			ì
Į į		i	
			į į
ł			
		_	
Further	documents are listed in the continuation of Box C.	See patent family annex.	
	pecial categories of cited documents:		
1	•	"T" later document published after the inte date and not in conflict with the applie	ernational filing date or priority
"A" documen	defining the general state of the art which is not considered to be	principle or theory underlying the inve	ention
or particu	alar relevance		
"E" earlier ap	plication or patent published on or after the international filing date	"X" document of particular relevance; the considered novel or cannot be considered.	claimed invention cannot be
ı		when the document is taken alone	red to involve an inventive step
	t which may throw doubts on priority claim(s) or which is cited to the publication date of another citation or other special reason (as		
		"Y" document of particular relevance; the considered to involve an inventive ste	claimed invention cannot be
"O" document referring to an and disclosure was a tild.		h documents, such combination	
being obvious to a person skilled in the art		le art	
"P" document published prior to the international filing date but later than the		"&" document member of the same patent	family
priority d	late claimed	accumulation of the same patent	laimy
Date of the actual completion of the international search		Date of mailing of the international sear	ch report
i		27 SEP 2004	on rehorr
15 September 2004 (15.09.2004)		1	4
Name and mailing address of the ISA/US Authorized officer			T
Mail Stop PCT, Attn: ISA/US Commissioner for Patents Zoila E. Cabrera		1 000	
Commissioner for Patents P.O. Box 1450			(norwin
Alexandria, Virginia 22313-1450 Telephone No. 703-306-4768			
Facsimile No. (703)305-3230			
Form PCT/ISA/210 (second sheet) (January 2004)			